

Table 5-2. Concentration of COCs Detected in Area A Subsurface Soils

Analyte	# of Samples Collected	# of Detections	Range of Detections	Mean ^{1/} Value	Median ^{2/} Value	Standard ^{3/} Deviation
Dioxin/Furan as 2,3,7,8-TCDD (TEQ) (ng/kg)	3	3	0.84-1.53	1.13	1.04	0.36
TCLP Dioxin/Furan as 2,3,7,8-TCDD (TEQ) (pg/L)	2	2	4.04-4.29	4.16	4.16	0.17
TOC (%)	6	6	0.14-1.28	0.43	0.24	0.21
Metals (mg/kg)						
Arsenic	10	10	2-54 C	8.5	3.5	16.0
Barium	10	10	30-75	52.2	51	15.2
Cadmium	10	1	0.7 J	na	na	na
Chromium	10	10	21-110	58.6	52	28
Copper	10	10	16-48	36	34.5	9.4
Lead	10	10	1 JB-98 C	8.85	3	20
Mercury	10	1	0.08 J	na	na	na
Nickel	10	10	12-52	33.1	34.5	11
Selenium	10	1	1 J	na	na	na
Zinc	10	10	21-65	46.9	47.5	14
TCLP Metals (mg/L)	4	0	All results below MRL.			
PAH as benzo(a)pyrene (TEQ) (mg/kg)	5	5 (all estimated)	0.001-0.003	0.002	0.002	0.0007
Phenol (mg/kg)	5	0	All results below MRL.			

Notes: TEQ = Toxicity equivalency quotient

MRL = Method reporting limit

MDL = Method detection limit

J = Estimated concentration

C = The MRL is elevated because the sample required diluting.

B = The MRL/MDL is elevated because of matrix interferences.

* = All results below MRL. TEQ calculated using one-half MDL and estimated concentrations.

na = not applicable.

1/ Sample arithmetic mean. Includes non-detect data assigned one-half the MDL.

2/ Sample median. Includes non-detect data assigned one-half the MDL.

3/ Sample arithmetic standard deviation. Includes non-detect data assigned one-half the MDL.